

Please cancel Claims 2, 19, 20 and 21 without prejudice or disclaimer of the subject matter contained therein.

#### REMARKS

Claims 2, 19, 20 and 21 have been cancelled. Claims 1, 3 and 4 have been amended. Applicant respectfully requests the Examiner to prosecute the above identified application at his or her earliest possible convenience and requests entry of the above Amendment prior to calculation of the filing fee. If for some reason Applicant has not paid a sufficient amount to prevent abandonment of this application, the Commissioner is hereby authorized to charge any fee due or credit any overpayment to deposit account no. 08-0750. A duplicate copy of this document is enclosed for this purpose.

If there should be any communication that the Examiner would like to make with the attorney of record in this case, he or she is requested to contact the undersigned at (248) 641-1600 to discuss the application.

Respectfully submitted,

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## ATTACHMENT FOR CLAIM AMENDMENTS

The following is a marked up version of each amended claim in which underlines indicates insertions and brackets indicate deletions.

1. (amended). An infrared imaging device, comprising:

an infrared detector;

an optical system for causing an infrared radiation from an object to form an image on the infrared detector;

shutting means configured so that the shutting means can be opened/closed and so as to shut off an infrared radiation coming into the optical system when the shutting means is closed; and

correction means for correcting an output of the infrared detector,

wherein the correction means determines a second correction coefficient for correcting variations in a DC offset among pixels and fluctuations in an amount of infrared radiation from the optical system by using an output of the infrared detector imaging the shutting means while the shutting means is closed and a first correction coefficient proportional to a sensitivity of each pixel of the infrared detector and shading.

3. (amended). The infrared imaging device of claim [2] 1, wherein:

the infrared imaging device comprises second shutting means configured so that the second shutting means can be opened/closed and so as to shut off an infrared radiation coming into the optical system when the second shutting means is closed; and

the correction means determines the first correction coefficient by using the output of the infrared detector imaging the shutting means being closed and an output

of the infrared detector imaging the second shutting means being closed.

4. (amended). The infrared imaging device of claim [2] 1, wherein:

the infrared imaging device comprises temperature setting means for setting a temperature of the shutting means; and

the correction means determines the first correction coefficient by using an output of the infrared detector imaging the shutting means being closed, which has been set to a first temperature by the temperature setting means, and an output of the infrared detector imaging the shutting means being closed, which has been set to a second temperature by the temperature setting means.